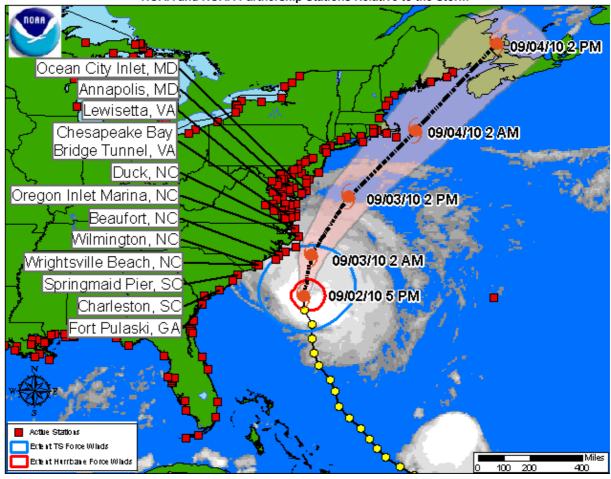
NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/02/2010 18:30 EDT, water levels along the eastern U.S. Coastline from Georgia to North Carolina are rising and range generally between 0.3 to 1.0 feet above predicted levels. Water levels in Virginia, and Maryland are at slightly above predicted levels. Winds are increasing across the area and have a range of 8 to 22 knots, with gusts upto 26 knots. Barometric pressure is falling across the region from Virginia to South. It is almost steady in Maryland.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to <u>Mean Lower Low Water</u> are:

FORT PULASKI, GA Next predicted high tides are 6.35 ft (1.93 m) at 09/03/2010 03:27 EDT and 7.68 ft (2.34 m) at 09/03/2010 16:04 EDT.

CHARLESTON, SC Next predicted high tides are 4.78 ft (1.46 m) at 09/03/2010 03:10 14:48 EDT and 5.96 ft (1.82 m) at 09/03/2010 15:54 EDT.

SPRINGMAID PIER, SC Next predicted high tides are 4.55 ft (1.39 m) at 09/03/2010 02:53 EDT and 5.72 ft (1.74 m) at 09/03/2010 15:23 EDT.

WRIGHTSVILLE BEACH, NC Next predicted high tides are 3.45 ft (1.05 m) at 09/03/2010 02:35 EDT and 4.49 ft (1.37 m) at 09/03/2010 15:17 EDT.

WILMINGTON, NC Next predicted high tides are 4.49 ft (1.37 m) at 09/02/2010 16:11 EDT and 4.59 ft (1.40 m) at 09/03/2010 17:31 EDT.

BEAUFORT, NC Next predicted high tides are 2.80 ft (0.85 m) at 09/03/2010 03:06 EDT and 3.58 ft (1.09 m) at 09/03/2010 15:57 EDT.

OREGON INLET MARINA, NC Next predicted high tides are 1.08 ft (0.33 m) at 09/03/2010 03:13 EDT and 1.35 ft (0.33 m) at 09/03/2010 15:59 EDT.

DUCK, NC Next predicted high tides are 2.84 ft (0.86 m) at 09/03/2010 02:43 EDT and 3.82 ft (1.16 m) at 09/03/2010 15:22 EDT.

CHESAPEAKE BAY BRIDGE TUNNEL, VA Next predicted high tides are 2.31 ft (0.70 m) at 09/03/2010 03:29 EDT and 2.98 ft (0.91 m) at 09/03/2010 16:11 EDT.

LEWISETTA, VA Next predicted high tides are 1.60 ft (0.49 m) at 09/02/2010 20:44 EDT and 1.44 ft (0.44 m) at 09/03/2010 08:54 EDT.

ANNAPOLIS, MD Next predicted high tides are 1.69 ft (0.52 m) at 09/03/2010 01:12 EDT and 1.15 ft (0.35 m) at 09/03/2010 12:16 EDT.

OCEAN CITY INLET, MD Next predicted high tides are 1.82 ft (0.55 m) at 09/03/2010 03:16 EDT and 2.41 ft (0.73 m) at 09/03/2010 16:24 EDT.

For additional data, please see the <u>Center for Operational Oceanographic Products & Services</u> website. For more information or archived products and reports, please see the <u>Storm QuickLook</u> homepage.

Analyst:KG		

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE EARL ADVISORY NUMBER 34

500 PM EDT THU SEP 02 2010

...LARGE HURRICANE EARL MOVING NORTHWARD...RAINBANDS AND GUSTY WINDS ALREADY APPROACHING THE OUTER BANKS...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WARNING IS IN EFFECT FOR...

- * BOGUE INLET NORTH CAROLINA NORTHEASTWARD TO THE NORTH CAROLINA/VIRGINIA BORDER INCLUDING THE PAMLICO AND ALBEMARLE SOUNDS.
- * WESTPORT MASSACHUSETTS EASTWARD AROUND CAPE COD TO HULL INCLUDING MARTHAS VINEYARD AND NANTUCKET ISLAND

A HURRICANE WATCH IS IN EFFECT FOR...

- * NORTH OF THE NORTH CAROLINA/VIRGINIA BORDER TO CAPE HENLOPEN DELAWARE
- * NOVA SCOTIA FROM MEDWAY HARBOUR TO DIGBY

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * CAPE FEAR TO WEST OF BOGUE INLET NORTH CAROLINA
- * NORTH OF THE NORTH CAROLINA/VIRGINIA BORDER TO SANDY HOOK NEW JERSEY...INCLUDING DELAWARE BAY SOUTH OF SLAUGHTER BEACH AND THE CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT
- * THE EASTERN PORTION OF LONG ISLAND NEW YORK FROM FIRE ISLAND INLET TO PORT JEFFERSON HARBOR
- * NEW HAVEN CONNECTICUT TO WEST OF WESTPORT MASSACHUSETTS... INCLUDING BLOCK ISLAND

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * NORTH OF HULL MASSACHUSETTS TO EASTPORT MAINE
- * THE COAST OF LONG ISLAND WEST OF FIRE ISLAND INLET AND PORT JEFFERSON HARBOR
- * NOVA SCOTIA FROM ECUM SECUM TO MEDWAY HARBOUR AND FROM DIGBY TO FORT LAWRENCE
- * NEW BRUNSWICK FROM JUST WEST OF FORT LAWRENCE WESTWARD TO THE U.S./CANADA BORDER

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE

UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM EDT THE CENTER OF HURRICANE EARL WAS LOCATED NEAR LATITUDE 32.5 NORTH...LONGITUDE 75.2 WEST. EARL IS MOVING

TOWARD THE NORTH NEAR 18 MPH BUT A TURN TOWARD THE NORTH-NORTHEAST WITH AN INCREASE IN FORWARD SPEED IS EXPECTED ON

FRIDAY. ON THE FORECAST TRACK...THE CENTER OF EARL WILL PASS NEAR THE NORTH CAROLINA OUTER BANKS TONIGHT...AND APPROACH SOUTHEASTERN NEW ENGLAND FRIDAY NIGHT.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 115 MPH...WITH HIGHER GUSTS.

EARL IS NOW A CATEGORY THREE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE.

ADDITIONAL WEAKENING IS EXPECTED TONIGHT AND FRIDAY...BUT EARL IS EXPECTED TO REMAIN A LARGE AND STRONG HURRICANE AS IT PASSES NEAR THE OUTER BANKS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES.

LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RECONNAISSANCE PLANE WAS 947 MB.

HAZARDS AFFECTING LAND

WINDS...TROPICAL-STORM-FORCE WINDS ARE EXPECTED TO REACH THE NORTH CAROLINA COAST WITHIN THE WARNING AREA SOON. EVEN IF THE CENTER OF EARL REMAINS OFFSHORE...HURRICANE FORCE WINDS ARE EXPECTED TO OCCUR IN THE OUTER BANKS BY TONIGHT. TROPICAL-STORM-FORCE WINDS WILL LIKELY REACH THE COAST FROM VIRGINIA NORTHWARD TO MASSACHUSETTS ON FRIDAY.

STORM SURGE...A DANGEROUS STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 3 TO 5 FEET ABOVE GROUND LEVEL WITHIN THE HURRICANE WARNING AREA OVER NORTH CAROLINA AND THE LOWER CHESAPEAKE BAY. STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE GROUND LEVEL WITHIN THE HURRICANE WARNING AREA OVER MASSACHUSETTS.

ELSEWHERE WITHIN THE TROPICAL STORM WARNING AREA...STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 3 FEET ABOVE GROUND LEVEL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DESTRUCTIVE WAVES.

RAINFALL...ACCUMULATIONS OF 2 TO 4 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES...ARE EXPECTED OVER PORTIONS OF EASTERN NORTH CAROLINA...THE OUTER BANKS AND OVER SOUTHEAST NEW ENGLAND. ACCUMULATIONS OF 1 TO 2 INCHES ARE POSSIBLE FROM EXTREME SOUTHEAST

Hurricane EARL QuickLook, POSTED 18:30 EDT 09/02/2010

VIRGINIA NORTHWARD ALONG THE IMMEDIATE MID-ATLANTIC COAST...AS WELL AS OVER DOWNEAST MAINE.

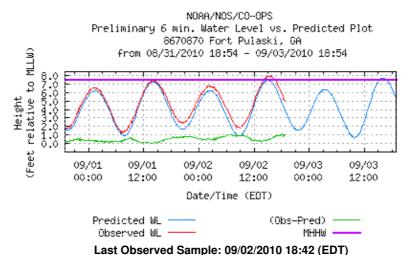
SURF...LARGE SWELLS FROM EARL WILL CONTINUE TO AFFECT THE BAHAMAS AND THE EAST COAST OF THE UNITED STATES THROUGH FRIDAY. THESE SWELLS WILL LIKELY CAUSE DANGEROUS SURF CONDITIONS AND RIP CURRENTS.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

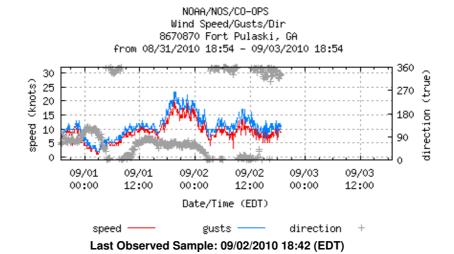
Jump to: Fort Pulaski - Water Level, Fort Pulaski - Winds, Fort Pulaski - Barometric, Fort Pulaski - Air/Water Temp,
Charleston - Water Level, Charleston - Winds, Charleston - Barometric, Springmaid Pier - Water Level, Springmaid Pier
- Winds, Springmaid Pier - Barometric, Wrightsville Beach - Water Level, Wrightsville Beach - Winds, Wrightsville
Beach - Barometric, Wrightsville Beach - Air/Water Temp, Wilmington - Water Level, Wilmington - Barometric,
Wilmington - Air/Water Temp, Beaufort - Water Level, Beaufort - Winds, Beaufort - Barometric, Beaufort - Air/Water
Temp, Oregon Inlet Marina - Water Level, Oregon Inlet Marina - Winds, Oregon Inlet Marina - Barometric, Oregon Inlet
Marina - Air/Water Temp, Duck - Water Level, Duck - Winds, Duck - Barometric, Duck - Air/Water Temp, Chesapeake
Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel Barometric, Chesapeake Bay Bridge Tunnel - Air/Water Temp, Lewisetta - Water Level, Lewisetta - Winds, Lewisetta Barometric, Lewisetta - Air/Water Temp, Annapolis - Water Level, Annapolis - Barometric, Annapolis - Air/Water Temp,
Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Ocean City Inlet - Barometric, Ocean City Inlet - Air/Water Temp,
Temp,

Fort Pulaski, GA - Return to List



Relative to MLLW: Observed: 4.97 ft. Predicted: 3.96 ft. Residual: 1.01 ft. Historical Maximum Water Level: Oct 15 1947, 3.4 ft. above MHHW

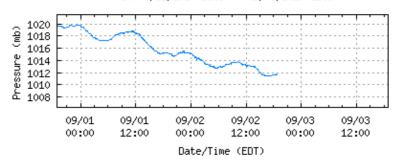
Fort Pulaski, GA - Return to List



Wind Speed: 9 knots Gusts: 11 knots Direction: 332° T

Fort Pulaski, GA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8670870 Fort Pulaski, GA from 08/31/2010 18:54 - 09/03/2010 18:54



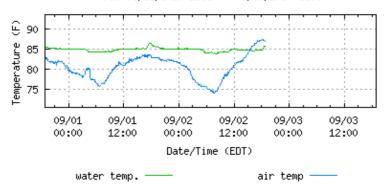
barometric pressure ——

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1011.7 mb

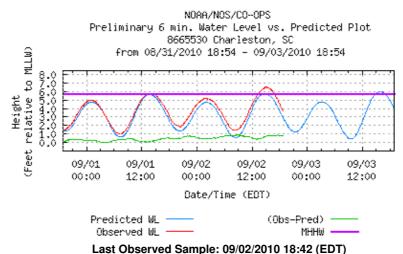
Fort Pulaski, GA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8670870 Fort Pulaski, GA from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)
Water Temperature: 85.8° F Air Temperature: 86.9° F

Charleston, SC - Return to List



Relative to MLLW: Observed: 3.76 ft. Predicted: 2.97 ft. Residual: 0.79 ft.
Historical Maximum Water Level: Sep 21 1989, 6.76 ft. above MHHW

Charleston, SC - Return to List

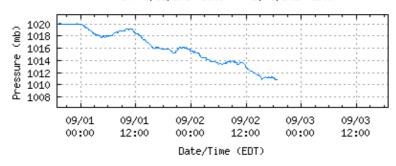
NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8665530 Charleston, SC from 08/31/2010 18:54 - 09/03/2010 18:54 360 30 (true) 25 20 270 direction 15 10 5 0 09/01 09/03 09/01 09/02 09/02 09/03 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) gusts direction

speed (knots)

Last Observed Sample: 09/02/2010 18:42 (EDT)
Wind Speed: 7 knots Gusts: 12 knots Direction: 323° T

Charleston, SC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8665530 Charleston, SC from 08/31/2010 18:54 - 09/03/2010 18:54



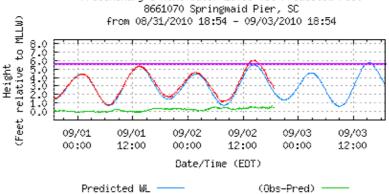
barometric pressure

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1010.9 mb

Springmaid Pier, SC - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8661070 Springmaid Pier, SC from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)

MHHW

Observed WL

Relative to MLLW: Observed: 2.77 ft. Predicted: 2.32 ft. Residual: 0.45 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft. above MHHW

Springmaid Pier, SC - Return to List

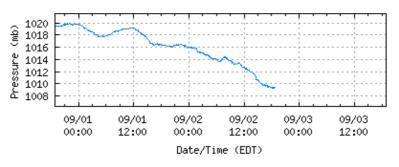
NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8661070 Springmaid Pier, SC from 08/31/2010 18:54 - 09/03/2010 18:54 360 30 (true) speed (knots) 25 270 20 direction 15 180 10 5 0 09/02 09/01 09/01 09/02 09/03 09/03 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) direction speed gusts -

Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 333° T

Springmaid Pier, SC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8661070 Springmaid Pier, SC from 08/31/2010 18:54 - 09/03/2010 18:54

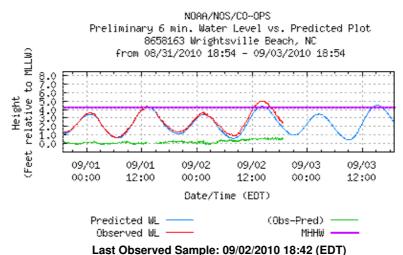


barometric pressure —

Last Observed Sample: 09/02/2010 18:42 (EDT)

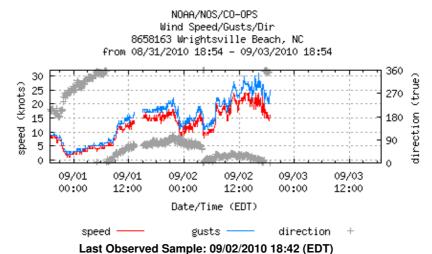
Barometric Pressure: 1009.4 mb

Wrightsville Beach, NC - Return to List



Relative to MLLW: Observed: 2.51 ft. Predicted: 1.87 ft. Residual: 0.64 ft.
Historical Maximum Water Level: Sep 25 2008, 2.78 ft. above MHHW

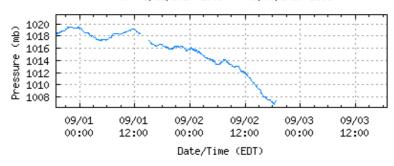
Wrightsville Beach, NC - Return to List



Wind Speed: 16 knots Gusts: 25 knots Direction: 001° T

Wrightsville Beach, NC - Return to List

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8658163 Wrightsville Beach, NC
from 08/31/2010 18:54 - 09/03/2010 18:54



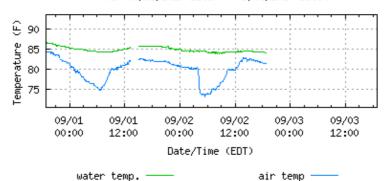
barometric pressure ——

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1007.4 mb

Wrightsville Beach, NC - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8658163 Wrightsville Beach, NC from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 84.0° F Air Temperature: 81.5° F

Wilmington, NC - Return to List

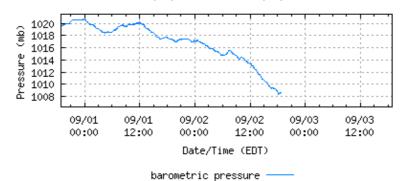
NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8658120 Wilmington, NC (Feet relative to MLLW) from 08/31/2010 18:54 - 09/03/2010 18:54 876543210 Height 09/01 09/01 09/02 09/02 09/03 09/03 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT) Predicted WL (Obs-Pred) Observed WL MHHW

Last Observed Sample: 09/02/2010 18:42 (EDT)
Relative to MLLW: Observed: 3.79 ft. Predicted: 3.65 ft. Residual: 0.14 ft.

Historical Maximum Water Level: Oct 15 1954, 3.47 ft. above MHHW

Wilmington, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8658120 Wilmington, NC from 08/31/2010 18:54 - 09/03/2010 18:54

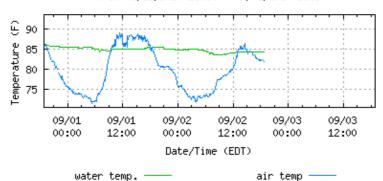


Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1008.6 mb

Wilmington, NC - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8658120 Wilmington, NC from 08/31/2010 18:54 - 09/03/2010 18:54

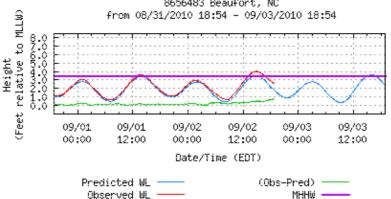


Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 84.2° F Air Temperature: 82.0° F

Beaufort, NC - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8656483 Beaufort, NC
from 08/31/2010 18:54 - 09/03/2010 18:54

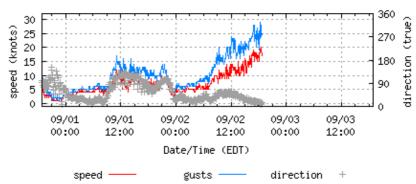


Last Observed Sample: 09/02/2010 18:42 (EDT)

Relative to MLLW: Observed: 2.66 ft. Predicted: 1.83 ft. Residual: 0.83 ft. Historical Maximum Water Level: Sep 16 1999, 2.74 ft. above MHHW

Beaufort, NC - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8656483 Beaufort, NC from 08/31/2010 18:54 - 09/03/2010 18:54

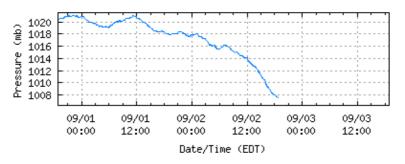


Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 17 knots Gusts: 25 knots Direction: 015° T

Beaufort, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8656483 Beaufort, NC from 08/31/2010 18:54 - 09/03/2010 18:54



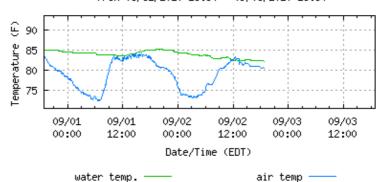
barometric pressure ---

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1007.6 mb

Beaufort, NC - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8656483 Beaufort, NC from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 82.2° F Air Temperature: 80.6° F

Oregon Inlet Marina, NC - Return to List

NOAA/NOS/CO-OPS

Preliminary 6 min. Water Level vs. Predicted Plot
8652587 Oregon Inlet Marina, NC
from 08/31/2010 18:54 - 09/03/2010 18:54

09/02

Height (Feet relative to MLLW)

09/01

09/01

09/02

09/03

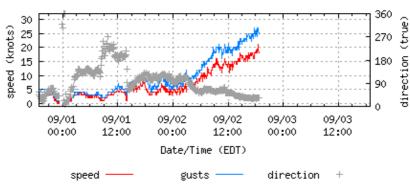
09/03

Last Observed Sample: 09/02/2010 18:42 (EDT)

Relative to MLLW: Observed: 0.31 ft. Predicted: 0.79 ft. Residual: -0.48 ft. Historical Maximum Water Level: Sep 16 1999, 4.49 ft. above MHHW

Oregon Inlet Marina, NC - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8652587 Oregon Inlet Marina, NC from 08/31/2010 18:54 - 09/03/2010 18:54

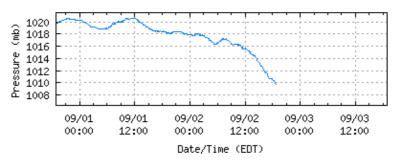


Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 18 knots Gusts: 25 knots Direction: 033° T

Oregon Inlet Marina, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8652587 Oregon Inlet Marina, NC from 08/31/2010 18:54 - 09/03/2010 18:54



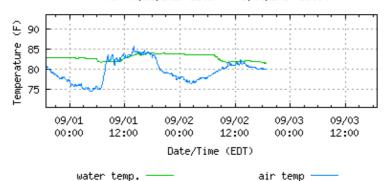
barometric pressure —

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1009.8 mb

Oregon Inlet Marina, NC - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8652587 Oregon Inlet Marina, NC from 08/31/2010 18:54 - 09/03/2010 18:54

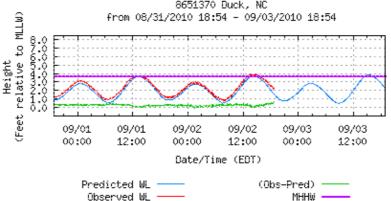


Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 81.5° F Air Temperature: 80.1° F

Duck, NC - Return to List

NOAA/NOS/CO-OPS Preliminary 6 min. Water Level vs. Predicted Plot 8651370 Duck, NC

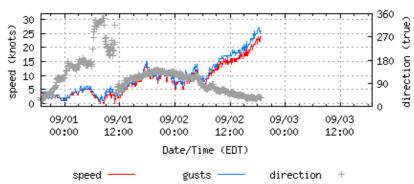


Last Observed Sample: 09/02/2010 18:42 (EDT)

Relative to MLLW: Observed: 2.31 ft. Predicted: 1.62 ft. Residual: 0.69 ft. Historical Maximum Water Level: Aug 30 1999, 3.23 ft. above MHHW

Duck, NC - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8651370 Duck, NC from 08/31/2010 18:54 - 09/03/2010 18:54

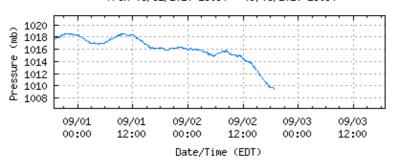


Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 24 knots Gusts: 26 knots Direction: 033° T

Duck, NC - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8651370 Duck, NC from 08/31/2010 18:54 - 09/03/2010 18:54



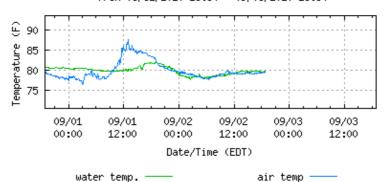
barometric pressure ----

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1009.5 mb

Duck, NC - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8651370 Duck, NC from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 79.7° F Air Temperature: 79.5° F

Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/CO-OPS

Preliminary 6 min. Water Level vs. Predicted Plot 8638863 Chesapeake Bay Bridge Tunnel, VA from 08/31/2010 18:54 - 09/03/2010 18:54 Height (Feet relative to MLLW) 876543210 09/01 09/01 09/02 09/02 09/03 09/03

00:00

00:00

12:00

Date/Time (EDT) Predicted WL (Obs-Pred) Observed WL MHHW

12:00

00:00

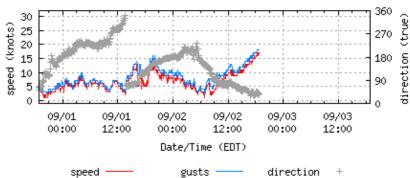
12:00

Last Observed Sample: 09/02/2010 18:42 (EDT)

Relative to MLLW: Observed: 2.10 ft. Predicted: 1.72 ft. Residual: 0.38 ft. Historical Maximum Water Level: Feb 5 1998, 3.68 ft. above MHHW

Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8638863 Chesapeake Bay Bridge Tunnel, VA from 08/31/2010 18:54 - 09/03/2010 18:54

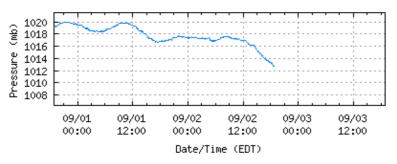


Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 17 knots Gusts: 18 knots Direction: 038° T

Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8638863 Chesapeake Bay Bridge Tunnel, VA from 08/31/2010 18:54 - 09/03/2010 18:54



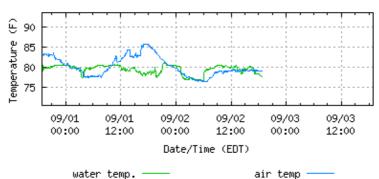
barometric pressure ----

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1012.8 mb

Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8638863 Chesapeake Bay Bridge Tunnel, VA from 08/31/2010 18:54 - 09/03/2010 18:54

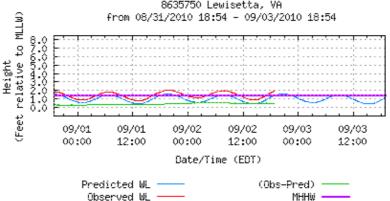


Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 77.7° F Air Temperature: 79.2° F

Lewisetta, VA - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8635750 Lewisetta, VA
From 08/31/2010 18:54

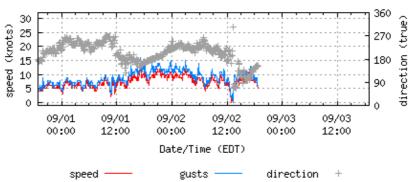


Last Observed Sample: 09/02/2010 18:42 (EDT)

Relative to MLLW: Observed: 1.90 ft. Predicted: 1.38 ft. Residual: 0.52 ft. Historical Maximum Water Level: Feb 5 1998, 2.33 ft. above MHHW

Lewisetta, VA - Return to List

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8635750 Lewisetta, VA from 08/31/2010 18:54 - 09/03/2010 18:54

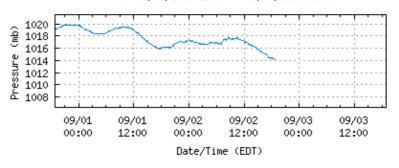


Last Observed Sample: 09/02/2010 18:42 (EDT)

Wind Speed: 5 knots Gusts: 6 knots Direction: 154° T

Lewisetta, VA - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8635750 Lewisetta, VA from 08/31/2010 18:54 - 09/03/2010 18:54



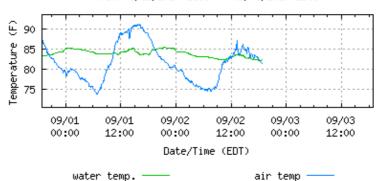
barometric pressure -

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1014.2 mb

Lewisetta, VA - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8635750 Lewisetta, VA from 08/31/2010 18:54 - 09/03/2010 18:54

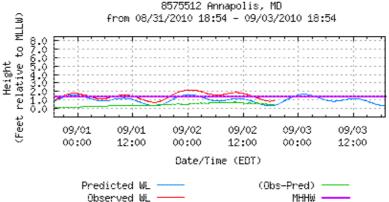


Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: 82.3° F Air Temperature: 81.5° F

Annapolis, MD - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8575512 Annapolis, MD
from 08/31/2010 18:54 - 09/03/2010 18:54

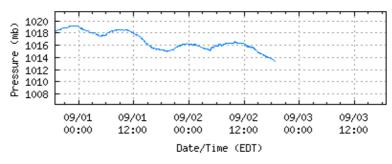


Last Observed Sample: 09/02/2010 18:48 (EDT)

Relative to MLLW: Observed: 0.90 ft. Predicted: 0.39 ft. Residual: 0.51 ft. Historical Maximum Water Level: Aug 23 1933, 4.74 ft. above MHHW

Annapolis, MD - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8575512 Annapolis, MD from 08/31/2010 18:54 - 09/03/2010 18:54



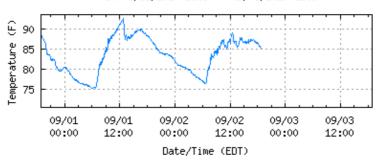
barometric pressure —

Last Observed Sample: 09/02/2010 18:48 (EDT)

Barometric Pressure: 1013.2 mb

Annapolis, MD - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8575512 Annapolis, MD from 08/31/2010 18:54 - 09/03/2010 18:54



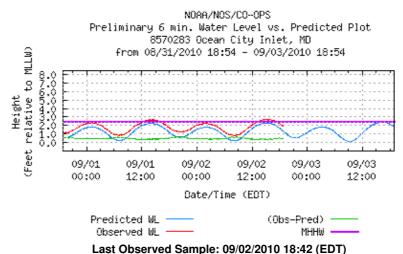
Last Observed Sample: 09/02/2010 18:48 (EDT)

air temp

water temp.

Water Temperature: n/a Air Temperature: 85.1 ° F

Ocean City Inlet, MD - Return to List



Relative to MLLW: Observed: 1.90 ft. Predicted: 1.38 ft. Residual: 0.52 ft. Historical Maximum Water Level: Feb 5 1998, 3.6 ft. above MHHW

Ocean City Inlet, MD - Return to List

30

25

20

15

10 5 0

speed

speed (knots)

NOAA/NOS/CO-OPS Wind Speed/Gusts/Dir 8570283 Ocean City Inlet, MD from 08/31/2010 18:54 - 09/03/2010 18:54 360 (true) 270 direction 180 09/03 09/01 09/01 09/02 09/02 09/03 00:00 12:00 00:00 12:00 00:00 12:00 Date/Time (EDT)

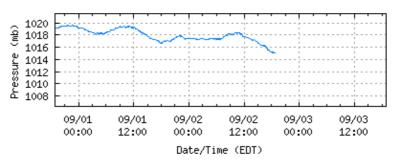
direction

Last Observed Sample: 09/02/2010 18:42 (EDT)
Wind Speed: 4 knots Gusts: 7 knots Direction: 127° T

gusts -

Ocean City Inlet, MD - Return to List

NOAA/NOS/CO-OPS Barometric Pressure Plot 8570283 Ocean City Inlet, MD from 08/31/2010 18:54 - 09/03/2010 18:54



barometric pressure ——

Last Observed Sample: 09/02/2010 18:42 (EDT)

Barometric Pressure: 1015.0 mb

Ocean City Inlet, MD - Return to List

NOAA/NOS/CO-OPS Air/Water Temperature Plot 8570283 Ocean City Inlet, MD from 08/31/2010 18:54 - 09/03/2010 18:54



Last Observed Sample: 09/02/2010 18:42 (EDT)

Water Temperature: n/a Air Temperature: 77.7° F

Hurricane EARL QuickLook, POSTED 18:30 EDT 09/02/2010

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